

January 17th, 2008

1

Ms. Grissel V. Diaz-Cotto **Emergency and Remedial Response Division** United States Environmental Protection Agency Region II 290 Broadway, 19th Floor New York, NY 10007-1866

Re:

December 2007 Discharge Monitoring Report Leachate Treatment Plant, Operable Unit 1 Kin-Buc Landfill Superfund Site

Dear Ms. Diaz-Cotto:

The December 2007 Discharge Monitoring Report (DMR) for the Leachate Treatment Plant of Operable Unit 1, Kin-Buc Landfill Superfund Site, prepared by Veolia Water North America is attached.

Should you have any questions concerning the DMR or other site items, please contact me at your earliest convenience at the Kin-Buc site.

Very truly yours,

Veolia Water North America

Of behalf of SCA Services, Inc.,

Plant Manager

Enclosure

cc:

Martha Goodwin – NJDEP Stephen Joyce - SCA Holding

Carl Januszkiewicz - Waste Management Richard Hoyt - Veolia Water North America

Veolia Water North America Kinbuc Landfill 383 Meadow Road, Edison, NJ 08817 Tel. No. (732) 572-4743 / (732) 572-3871 Fax. No. (732) 572-6294

E-mail: glenn.grieb@veoliawaterna.com

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION DIVISION OF WATER QUALITY

MONITORING REPORT - TRANSMITTAL SHEET

	Ę	NJPDES NO. NJ Permit Equivalent		ERIOD 1 o. Y r. 12 0 7
PERMITTEE:	Name:	SCA Services, Inc.		
	Address:	383 Meadow Road		
ACILITY:	Name:	Edison, New Jersey 08817 Kin-Buc Landfill		
ACILIII.	Address:	383 Meadow Road		· · · · · · · · · · · · · · · · · · ·
	Audiese.	Edison, New Jersey 08817		
	Telephone:	732-572-4743		
ORMS ATTACH	ED (Indicate Quant	ity of Each)	Operating Exce	ptions
SLUDGE REPOR _T-VWX-007 _EPA Form 332	T-VWX-008 T-\	√ ₩X-009	DYE TESTING	YES NO
_ EFA (01111 332)	0-1		TEMPORARY BYPASSING	<u>x</u>
SLUDGE REPOR _T-VWX-010A _			DISINFECTION INTERRUPTI	
VASTEWATER R _T-VWX-011	REPORTS T-VWX-012 T-V	/WX-013	MONITORING MALFUNCTION	NS <u>x</u>
	PEDODTO	•	UNITS OF OPERATION	<u> </u>
GROUNDWATER _T-VWX-015(A,B _ ELECTRONIC	3) T-VWX-016 _	_ T-VWX-017	OTHER	_ <u>x</u>
IPDES DISCHAR L EPA Form 3321	GE MONITORING 0-1		(Detail any "Yes" on reverse si	de in appropriate space.)
			NOTE: The "Hours Attended a this sheet must also be completed."	
r supervision in a r those persons d nd belief, true, ac	ccordance with a s lirectly responsible ccurate, and comple	ystem designed to assure my i for gathering the information, t	t and all attachments were prepared nquiry of the person or persons who re ne information submitted is, to the be significant penalties for submitting fals ons.	nanage the system st of my knowledge
ICENSED OPER	ATOR		PRINCIPAL EXECUTIVE OFF DULY AUTHORIZED REPRES	
lame (Printed) irade & Registry I	Glenn Grieb No. N-4 ; 0024/2/12	an Mail	Name (Printed) Gleon Grid Title (Printed) Plaft Ope	ration

Date	January 17, 2008		-	D	ate_		Jar	nuar	y 17	', 2 (800		·				
OPERA	TING EXCEPTIONS DETAIL	<u>LED</u>															
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Licensed Operator
Others

Day of Month
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8	8	8	8	8	4	4	8	0	8	8	8	6	0	8	

NAME **ADDRESS** SCA SERVICES, INC. 383 MEADOW ROAD EDISON, NEW JERSEY 08817

FACILITY LOCATION

KIN-BUC LANDFILL **EDISON, NEW JERSEY CARL JANUSZKIEWICZ**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

NJ PERMIT EQUIVALENT PERMIT NUMBER

12 01

001 DISCHARGE NUMBER

MONITORING PERIOD YEAR MO DAY

YEAR MO DAY 12 31

		l a	UANTITY OR LOADING			QUALITY OR CONCENTRA	TION	*	NO.	FREQUENCY	SAM	MPLE
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	OF ANALYSIS	T	TYPE
FLOW	SAMPLE			UNITS	MINIMOM	AVERAGE	MAXIMOW	UNITS	ļ	ANALYSIS		
	MEASUREMENT	0.025745	0.033656	MGD	*******	******	******	***	•••	continuous	flow m	ieter
	PERMIT REQUIREMENT	REFORT	ONLY		# 15.5 por \$15 #	paging gravit	of this depth depth			continuous	flow m	ieter
рН	BAMPLE MEASUREMENT	****	****	***	7.38	****	7.52	S.U.	0.	1/week	grat	h
	PERMIT REQUIREMENT	******	nat to be designed to		6.0		9.0	0.0.		weekly	grat	
PETROLEUM HYDROCARBONS	SAMPLE MEASUREMENT	*****	*****	***	******	<1.000	<1.000	mg/i	0	2/month	grat	b
	Permit Regulatament		21/2 (1/2 (1/2 (1/2 (1/2 (1/2 (1/2 (1/2		ekspesse.	10	15			2/month	grei	
COD	SAMPLE MEASUREMENT	12.41	16,33	kg/day	•	146	172	mg/l	0	2/month	com	***************************************
	PERMIT REQUIREMENT	REPORT	ONLY	,	apanaga.	REPORT	ONLY			2/menth	Gam	
BOD	SAMPLE MEASUREMENT	******	*****	***	******	<5.00	<5.00					3
	PERMIT REQUIREMENT		******			58	220	mg/i	0	2/month 2/month	com	
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	0.21	0.26	kg/day	*****	2.30	2.40	mg/i	0	1/week	com	• • • • • • • • • • • • • • • • • • • •
	PERMIT RECLIPIENT	REPORT	DNLY		******	30	45(t)			weekly	com	
DISSOLVED OXYGEN	SAMPLE MEASUREMENT	*****	*****	***	9.0	****	*****	mg/l	0	. 1/week	grat	b
	Perut Regunsyeut	建 医中 电通 电图 电	no sale sa e e		4,0 MIN Instantaneous	potential de la	A *******			weekly	gnat	ь
NAME/TITLE PRINCIPAL EXECUTIVE OF	FICER		I have personally examined and I my inquiry of those individuals imm				11.		TELEPHO	NE	DATI	
Glenn Grieb Project Manager		the information, I believe the sub- there are significant penalties for	mitted information is true, accurate submitting false information, inclu	, and completed	e. I am aware that bility of fine and	Menu	Will		572-474	3	08 01	17
TYPED OR PRINTED COMMENTS AND EXPLANATIONS OF ANY VIOLATION		Imprisonment. See 18 U.S.C. 10 include fines up to \$10,000 and of REFERENCE ALL ATTACH	or maximum imprisonment of betw		der these statutes may and 5 years)	SIGNATURE OF PRINCIPAL OFFICER OR AUTHORIZE	EXECUTIVE DAGENT	AREA CODE	NUM	BER	YEAR MO	DAY

NAME ADDRESS SCA SERVICES, INC. 383 MEADOW ROAD

EDISON, NEW JERSEY 08817

FACILITY LOGATION ATTN: KIN-BUC LANDFILL EDISON, NEW JERSEY CARL JANUSZKIEWICZ

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

NJ PERMIT EQUIVALENT
PERMIT NUMBER
DISCHARGE NUMBER

| MONITORING PERIOD | YEAR | MO | DAY | | 07 | 12 | 01 | | 07 | 12 | 31 |

PARAMETER		Q	JANTITY OR LOADING			QUALITY OR CONCENTRA	TION		NO. EX	FREQUENCY	SAMPLE TYPE
		AVERAGE	MAXIMUM	BTINU	MINIMUM	AVERAGE	MAXIMUM	UNITS		ANALYSIS	
BENZENE	SAMPLE MEASUREMENT	<0.000165	<0.0000190		******	0,20	0.20	ug/L	0	2/month	grab
	PERMIT REQUIREMENT	0.008	9.02	kg/day	*******	67	134			2/month	grab
CHLOROBENZENE	SAMPLE: MEASUREMENT	<0.0000165	<0.0000190	kg/day	*****	<0.20	<0.20	ug/L	0	2/month	grab
	PERMIT REQUIREMENT	0.822	9.058			142	380			2/menth	(greeb
1,1 DICHLOROETHENE	SAMPLE MEASUREMENT	<0.0000248	<0.0000265	kg/day	****	<0.30	<0.30	ug/L	0	2/month	grab
	PERMIT REQUIREMENT	0.903	9.009			22	59		• •	2/meeth	(great)
ETHYLBENZENE	SAMPLE MEASUREMENT	<0.0000330	<0.0000380	kg/day	******	<0.40	<0.40	uig/L	0	2/month	grab
	PERMIT REQUIREMENT	0.022	9.058			142	380			2/moeth	(grad)
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT	<0.0000330	<0.0000380	kg/day	*****	<0.40	<0.40	ug/L	0	2/month	. grab.
	PERMIT REQUIREMENT	0.008	8.025			52	164			2/menth	gtab
TOLUENE	SAMPLE MEASUREMENT	<0.0000248	<0.0000285	kg/day	******	<0.30	<0.30	ug/L	0	2/month	grab
	PERMIT REQUIREMENT	0.904	0.0 11			28	74			2/meeth	gteb
1,2-TRANSDICHLOROETHYLENE	SAMPLE MEASUREMENT	<0.0000330	<0.0000380	kg/day	******	<0.40	<0.40	ug/L	0	2/month	grab
	PERMIT REQUIREMENT	0.804	0.009			1 25	, ec			2/menth	grab
NAME/TITLE PRINCIPAL EXECUTIVE	OFFICER	4	personally examined and I am familiar v dry of those individuals immediately res			1//0	(), A		TELEPH	ONE	DATE
Glenn Grieb Project Manager		the information, I believe the submitted there are significant penalties for submit	nformation is true, eccurate, and compl ting false information, including the pos	late. I am aware ti salbility of fine and	hat i	Den !	This		572 -4 74:	3	08 01 17
TYPED OR PRINTED IN		Imprisonment. See 18 U.S.C. 1001 & 33 U.S.C. 1319. (Penalties under these statutes include three up to \$10,000 and or maximum imprisonment of between 8 months and 5 years) (REFERENCE ALL ATTACHMENTS HERE)			r mese atatutes may	SIGNATURE OF PRIN OFFICER OR AUTHO		AREA CODE	NU	MBER	YEAR MO DAY

NAME ADDRESS SCA SERVICES, INC. 383 MEADOW ROAD

EDISON, NEW JERSEY 08817

FACILITY LOCATION ATTN: KIN-BUC LANDFILL EDISON, NEW JERSEY CARL JANUSZKIEWICZ

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

NJ PERMIT EQUIVALENT PERMIT NUMBER

001 DISCHARGE NUMBER

			MONITORING PERIOD			
YEAR	МО	DAY		YEAR	MO	DAY
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PARAMETER		•	QUANTITY OR LOADING			QUALITY OR CONCENTRA	TION		NO. EX	FREQUENCY OF	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS]	ANALYSIS	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT	<0.0000330	<0.000380	kg/day	*******	<0.40	<0.40	ug/L	0	2/month	grab
	REQUIREMENT	0.004	0:010		pie lipie lipie	26	69			2/month	greta
VINYL CHLORIDE	SAMPLE MEASUREMENT	<0.0000186	<0.0000217	kg/day	******	<0.20	<0.20	ug/L	0	1/week	grab
	PERMIT REQUIREMENT	0.008	0:016		<u> perpense</u>	52.8	106			waskiy	greta
ACENAPHTHYLENE	SAMPLE MEASUREMENT	<0.000083	<0.0000095	kg/day	******	<0.100	<0.100	ug/L	0	1/month	grab
	PERMIT REQUIREMENT	0.00026	0:00052			1.72	3.43			monthly	grab
BENZO(A)ANTHRACENE	SAMPLE MEASUREMENT	<0.0000097	<0.0000141	kg/day	*******	<0.13	<0.20	ug/L	0	1/month	grab
	PERMIT REQUIREMENT	0.00026	0.00052			172	3.48			racontally	grab
BENZO(A)PYRENE	SAMPLE MEASUREMENT PERMIT	<0.000056	<0.000065	kg/day		<0.068	<0.065	ug/L	0	1/month	grab
	REQUIREMENT	5.00026	0.00052		********	1.72	3.43			shohthly	grab
BENZO(ghi)PERYLENE	SAMPLE MEASUREMENT	<0.0000083	<0.0000095	kg/day	*******	<0.100	<0.100	ug/L	0	1/month	grab
	PERMIT REQUIREMENT	0.00026	0:00052		nie tyje tyje	172	3,48			sacostaly	grab:
BENZO(k)FLUORANTHENE	SAMPLE MEASUREMENT	<0.000083	<0.0000095	kg/day	******	<0.100	<0.100	ug/L	0	1/month	grab
	PERMIT REQUIREMENT	0.00028	0:00052		pie tyle tope	/fi-72	g 348			snováhly	grate
NAME/TITLE PRINCIPAL EXECUTIVE	OFFICER	→	personally examined and I am familiar wi			11.	/		TELEPH	ONE	DATE
Glenn Grieb Glenn Grieb Project Manager there were it the experiment. See 18 U.S.C. 1001 & 33 U.S.C. 1319. Principles of the submitting factor industrial information is true, accounts, and complete. I are evene it there were the submitting factor information, including the possibility of fine and imprisorment. See 18 U.S.C. 1001 & 33 U.S.C. 1319. Periodicts under the programment of the			*	SIGNATURE OF PRINCIPAL	Strik		572-474	3	08 01 17		
			dmum imprisonment of between 6 month	(Peniative under these statutes may SIGNATURE OF PRINCIPAL EXECUTIVE AREA OFFICER OR AUTHORIZED AGENT CODE NUMBER					YEAR MO DAY		
COMMENTS AND EXPLANATIONS OF ANY VIOLAT	(REFERENCE ALL ATTACH	MENTS HERE)	· · · · · · · · · · · · · · · · · · ·		TO THE PARTY OF TH		10005	1		Lina Lina	

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NAME ADDRESS SCA SERVICES, INC. 383 MEADOW ROAD

EDISON, NEW JERSEY 08817

FACILITY LOCATION ATTN: KIN-BUC LANDFILL EDISON, NEW JERSEY CARL JANUSZKIEWICZ

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

							<u> </u>					
PARAMETER			QUANTITY OR L	OADING		QUALITY OR CONCE	NTRATION		NO.	FREQUENCY OF		SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	3	ANALYSIS		
IDENO(1,2,3cd) PYRENE	SAMPLE MEASUREMENT PERMIT	<0.0000074	<0.000086	kg/day		<0.090	<0.091	ug/L	0	1/month		grab
PHENANTHRENE	REQUIREMENT SAMPLE MEASUREMENT	<0.0000079	0.00052 <0.000087	kg/day	******	1:72 <0.085	3.43 <0.091	ug/L	0	monthly 1/week		grab grab
	PERMIT REQUIREMENT	REPORT	GNLY			REPORT ONLY	5.4(2)			weekly		grab
ALDRIN	SAMPLE MEASUREMENT PERMIT	<0.000008	<0.0000009	kg/day		<0.01	<0.01	ug/L	0	1/month		grab
4.4-DDT	REQUIREMENT SAMPLE	0.000133	0:00026			0.0875	0.176			monthly		grab
	MEASUREMENT PERMIT	<0.0000010	<0.0000014	kg/day	******	<0.011	<0.014	ug/L	0	1/week	aimania	grab
PCB-1242	REQUIREMENT SAMPLE	0.0000578	0.000146		*******	0.38	0.765	-		weekly		grab
	MEASUREMENT PERMIT REQUIREMENT	<0.0000278 REPORT	<0.0000326 CMLY	kg/day	*******	<0.30 REPORT ONLY	<0.30 0.5(2)	ug/L	0	1/week weekiy		grab grab
PCB-1248	SAMPLE MEASUREMENT	<0.0000278	<0.0000326	kg/day	******	<0.30	<0.30	ug/L	0	1/week		grab
PCB-1254	PERMIT REQUIREMENT SAMPLE	REPORT	ONLY	-	######################################	REPORT ONLY	9.5(2)			weekiy		grab
	MEASUREMENT PERMIT	<0.0000278	<0.0000326	kg/day		<0.30	<0.30	ug/L	0	1/week		grab
NAME/TITLE PRINCIPAL EXECUTIVE O	REQUIREMENT	REPORT I certify under penalty of law that	CRNLY at I have personally examined as	nd I am familia	to feet see to be seen the seen to be seen t	REPORT ONLY	A 0.5(2)		TELEPHON	weekiy E		grab DATE
Glenn Grieb Project Manager		submitted herein, and based on the information, I believe the sui there are significant penalties fo imprisonment. See 18 U.S.C. 1	or aubmitting false information, is	erate, and com noluding the po	plets. I am aware that	SIGNATIVE OF PRINCIPAL	Web EXECUTIVE	732 AREA	572-4743			01 17
TYPED OR PRINTED COMMENTS AND EXPLANATIONS OF ANY VIOLATION	NS .	include fines up to \$10,000 and (REFERENCE ALL ATTAC)		etween 6 mon	ths and 5 years)	OFFICER OR AUTHORIZED	•	CODE	NUMB	SER	YEAR	MO DAY

NAME ADDRESS SCA SERVICES, INC. 383 MEADOW ROAD

EDISON, NEW JERSEY 08817

FACILITY LOCATION ATTN: KIN-BUC LANDFILL EDISON, NEW JERSEY CARL JANUSZKIEWICZ

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

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PARAMETER		Q	UANTITY OR LOADING			QUALITY OR CONCENTRA	TION		NO. EX	FREQUENCY OF	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS		ANALYSIS	·
PCB-1260	SAMPLE MEASUREMENT	<0.0000186	<0.0000217	kg/day	******	<0.20	<0.20	ug/L	0	1/week	grab
	PERMIT REQUIREMENT	REPORT	CONLY			REPORT ONLY	0.5(2)			weakly:	9600
ARSENIC	SAMPLE MEASUREMENT	0.0004447	0.0006932	kġ/day	******	4.70	7.30	ug/L	0	1/week	comp
	PERMIT REQUIREMENT	D.ets	6.026			85.8	172			weekiy	acents
CADMIUM	SAMPLE MEASUREMENT	<0.0000371	<0.0000434	kg/day	******	<0.40	<0.40	ug/L	0	.1/week	comp
	PERMIT Requirement	0:0073	6017		e-bringe	482	112			weekly	COMP
CHROMIUM	SAMPLE MEASUREMENT	0.0002013	0.0002279	kg/day	*******	2.23	2.80	ug/L	0	1/week	comp
	PERMIT REQUIREMENT	0:030	0.060			198	396			wedkly.	comp
COPPER	8AMPLE MEASUREMENT	0.0003854	0.0005070	kg/day	********	4.1	5.2	ug/L	0	1/week	comp
	HEGNIKEMENT HEGNIKEMENT	REPORT	OMEY			REPORT ONLY	10:			westly:	COMID
LEAD	SAMPLE MEASUREMENT	0.0003238	0.0005880	kg/day	*******	3.38	5.40	ug/L	0	1/week	comp
	PERMIT RECUMENSIAT	REPORT	ONLY		g babrinda	REPORT ONLY	\$6			vedelkly:	somp
NICKEL	SAMPLE MEASUREMENT	0.0034431	0.0043838	kg/day	*******	36.5	40.4	ug/L	. 0	1/week	сотр
NAME/TITLE PRINCIPAL EXECUTIVE OF	PERMIT REQUIREMENT	0.140	9:281			A 824	1 (550)			weskly	comp
NAME/TITLE PRINCIPAL EXECUTIVE OF		submitted herein, and based on n	have personally examined and it			1 1/40 /	1.	<u> </u>	TELEPHON	E	DATE
Glenn Grieb Project Manager		the information, I believe the subnithere are significant penalties for	nitted information is true, accurate submitting false information, includ	, and complete ding the possit	e. I am aware that alliy of line and	Menu	hib		572-4743	3	08 01 17
TYPED OR PRINTED		Imprisonment. See 18 U.S.C. 10 Include fines up to \$10,000 and o			der these statutes may	SIGNATURE OF PRINCIPAL		AREA			
COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS	e	(REFERENCE ALL ATTACH		on o montas e	an o years)	OFFICER OR AUTHORIZE	AGENT	CODE	NUME	ER	YEAR MO DAY
WINDLESS WAS EVERYAUTORS OF USE MORVION	9	KEPERENUE ALL ATTACH	MEN I S MERE)								

NAME ADDRESS SCA SERVICES, INC. 383 MEADOW ROAD

EDISON, NEW JERSEY 08817

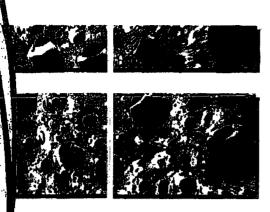
FACILITY LOCATION ATTN: KIN-BUC LANDFILL EDISON, NEW JERSEY CARL JANUSZKIEWICZ

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

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	1	٥	UANTITY OR LOADING		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	QUALITY OR CONCENTRA	ATION		NO.	FREQUENCY	SAMPLE
PARAMETER	1			1		, ,	T		EX	OF	TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	-	ANALYSIS	
ZINC	SAMPLE MEASUREMENT	0.0015912	0.0024180	1	*******						
		0.0015812	0.0024180	kg/day		16.7	24.8	ug/L	0	1/week	comp
	REQUIREMENT	D:177			************				}		
			0.358	<u> </u>		1170	2350	<u> </u>		weskly	comp
CYANIDE	SAMPLE MEASUREMENT	<0.0009281	<0.0010851	ŀ	******			1			
		V0.0009281	<0.0010001	kg/day		<10.0	<10.0	ug/L	0	1/week	comp
,	PERME REQUIREMENT	0.002	9.004		********						
ALUMINUM				<u> </u>		152	284	!	ļ., .	weekiy	comp
*LUMINUM	SAMPLE MEASUREMENT	0.0068246	0.0108510		********	72.0	100.0		1		1
				kg/day		72.0	100.0	ug/L	0	1/week	comp
	PERMIT REQUIREMENT	£40	2.81			9240	18500				
RON				 				<u> </u>	 	weekly	comp
RON	SAMPLE MEASUREMENT	0.0062791	0.0085508	l	*******	66.6	87.7	1			
· ·		100000000000000000000000000000000000000		kg/day		300000000000000000000000000000000000000		ug/L	0	1/week	comp
	PERMIT REQUIREMENT	80.6	182		genanyuging	S32000	1070600		İ		
ACUTE TOXICITY, (LC50)				ļ				4	<u> </u>	weakly	sonp
100 (E 10Xi01) 1, (E000)	SAMPLE MEASUREMENT	QUARTELY	REPORT		n/a	******	******		1		· ·
				-				*	0		
	Permit Regunsement	********	Paralega que		\$0(3);	Aprintigate b	- Antigo Balancia				
Ammonia								1		ses permit	equivalent
чинова	SAMPLE MEASUREMENT	******	******	***	******	0.180	0.260]		*****	
				ł ""		44444444444	0.200	mg/l	0	*************	000000000000000000000000000000000000000
	PERMIT REQUIREMENT	******	******	1		4.9	19.0			27rtoritis	
	SAMPLE			 				╂	-	271105185	comp
	MEASUREMENT	******	******		******	******	*******	***		******	******
	PERMIT							-			
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STL EDISON

Local Access to **National** Resources and **Services**



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

State of New Jersey Total Petroleum Hydrocarbon (TPHC) Method Update

The New Jerse DEP has announced several changes in the required methodologies for the analysis of TPI . This affects both site temediation projects as well as permitted wastewater discharges as cascribed below.

Site Remediation:

As a result of the EPA's ban on the use of Freon as an extraction solvent, the NJ Site Remediation Program (SRP) vill no longer accept Method 418.1 data for TPHC analysis on samples collected after September 30, 2007.

As of October 1, 2007 the NJDEP Site Remediation Program (SRP) will no longer accept data generate from samples analyzed by Method 418.1. This includes projects where the department had previously approved Method 418.1 in a work plan or quality assurance project plan. The two ertifiable methods that are now acceptable alternatives to Method 418.1 are Diesel Range (rganics (DRO) by SW-846 Method 8015B and the NJDEP OQA-QAM-025 Rev.6 method (See t ble below for applicable uses of each method). At this point, there will be no change in the liggers for the contingent analysis listed in the NJDEP Technical Requirements for Site Remed ation NJ.A.C. 7:26E.

Wastewater Pirmits:

In the Decemb er 31, 2005 Federal Register, the EPA Office of Water proposed to revise 40 CFR 136 and withdraw all analytical methods that use Freon 113 as a solvent. The affected methods are 413.1, 413... and 418.1. The final rule was published in the March 12, 2007 Federal Register and the Freon-pased methods were withdrawn.

With regards to NPDES permit holders, a grace period has been granted by the DEP which extends to De ember 31, 2007, allowing for the continued use of the Freon based methods noted above. I s of January 1, 2008, however, all wastewater permitees must use one of the approved non-reon based method.

NJDEP SRP Cr. aria For Choice of Method

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THE TENNES OF THE DRIVER LIBER OF A DAW-025 Revis
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If you have any questions ar reague any further information please do not I esitate to contact your majest Manager or Key Client Executive.

www.t :stamericainc.com

866.785.LABS



New Jersey TPHC Comparison Table

Parameter	Method	Technology	Carbon Range	Measures	Method Limitations	Matrix	Reporting Limits	Holding Time	Preservation
					Not applicable to the measurement of a ight hydrographs the worklight a lumps _2000 Estraeum tiels from the other to #2 june of terms tomple siyon		1.5		
		1		Plugger expenses and the bridge set	light hydrocarbons that Volabilizara:				
ili de constant	1.75		2	propiedly are a office party - e.g.	gas oline to 72 fuels oils are completely of		L		H ₄ SO ₂ on HGL to pH≪2, cool to
	PASP WEEK	11921			faultenamen andere	S SWART S	10 mg/L	28 days	re di la companya di la companya di la companya di la companya di la companya di la companya di la companya di
					No acolicede (ol tre métalitement of				
					lighthydrocarbons that Wolatifize at	L			A STATE OF THE STA
				Pi00ep adeable arimst grasses Vegetable of \$3 relative non-	Not applicable to the measurement of ignorydrocensors the Questize a lemps 170°C 72 trolloum rules from pas Olne to \$2 fuels our are completely or				
	EPA-9071	表面FIR 新原型		biodegradable mineral oils	Ipartiany to to during extraction	Soil:	33 mg/kg	28 days	cool to 4°C
PHC	EPA 418.1	IR IR	C12-Cian	Mineral oils	It ass of ~50% of nasoline during	Water:	1 mell	7 days	HCI to all ch applies and
			12 - 50	MARKET AND A STATE OF THE STATE		Soil:	1 mg/L 25 mg/kg	28 days	HCl to pH<2, cool to 4°C
						A COMMENSATION OF THE PARTY OF		Part Carlo	Comment of the same of
					Not applicable for materials that votablize				
					mon catching ox 74 half of Savaras				
				Non-volatile hydrocarbons vegetable	completely of paritally lost during		1.75		
				Öls artmal ras waxes soeps	tuel olls contain a significant emount of	No. of the			
EM (Oil & Grease)	EPA 1684**	Gravimetric		prince -	Not boulcable for materials that volatilize at terms, below as 1. Patroleum fuels at terms, below as 5. Patroleum fuels a rom, dascrife 5. \$2 hast distance completely 5 parials sociating a serial parials of parials sociating and has very fuel of 8 sociating a significant amount of material that is not southle in travaries.	Water	5 mg/let	28 days	HCI to pH<2 cool to 4°C
GT-HEM (Non-polar			经 學可能性		自己是國際語言的學術學的學術	Soll	100/mg/kg	28 days	cool to 4°C
aterial)	EPA 1664**	Gravimetric		Non-polar material not absorbed by silica get.	Same as at any				
idional	EFA 1004	Gravinent		siica gei.	Same as above	Water: Soil:	5 mg/l	28 days	HCl to pH<2, cool to 4°C
asoline Range		a Porge & Trep		Akanes with a bolling point of ed		Soll:	100 mg/kg	28 days	cool to 4°C
rganics (GRO)	SW4B46.8015B	GG -	6.6	中国企业公司公司公司公司公司公司公司公司公司公司公司公司公司公司公司公司公司公司公司		Welg	160 00/1	12 Eve 1 20	HClisb pH < 2 cdol to 450
	門所以報答	1 - A 362				Sol	of the business of the second	Commence of the Commence of th	100140'44'C
iesel Range Organics	7			Alkanes with a boiling point of 170°C				Extraction: 7 days	The state of the s
RO)	SW-846 8015B	Extractable GC	C10-C28 *	430°C		Water:	0.1 mg/l	Analysis: 40 days after extraction	cool to 4°C
							G. Filight	Extraction: 14 days	000,0040
	Late-Standar	Agent Street						Analysis: 40 days after	
Gir		S 5 5 5 5				Soil:	6.7 mg/kg	extraction	cool to 4°C
								Villa Linguightsi	
		7.35-0						i Principacion (1911) La Establicação (1917)	
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								an complety.	
	2							Apply as long virtuals	Books Her Salar

^{*}An extended range DRO covering C8-C44 is also available (typically only required for acceptance at soil recycling facilities) with a reporting limit of; 0.1 mg/L for waters and 6.7 mg/kg for soils.
**Currently Test America Edison does not offer Method 1664. Samples requested for this method will be sucontracted to the appropriate NJDEP certified Test America laboratory.

TestAmerica Laboratories, Inc. 777 New Durham Road Edison, NJ 08817 Tel.: 732-549-3900 Fax: 732-549-3679

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